

ÖZGEÇMİŞ

1. **Adı Soyadı:** Ramazan Nejat Tuncay

2. **Doğum Tarihi:** 15/07/1947

3. **Unvanı:** Prof. Dr.

4. **Öğrenim Durumu:**

Derece	Alan	Üniversite	Yıl
Lisans	Elektrik	İstanbul Teknik Üniversitesi	-
Y. Lisans	Elektrik	İstanbul Teknik Üniversitesi	1972
Doktora	Elektrik-Elektronik	University of Manchester UMIST İngiltere	1977

5. **Akademik Unvanlar**

Ünvanı	Bilim Dalı	Üniversite	Yıl
Yrd. Doç.	Elektrik	İ.T.Ü.	1982
Doçent	Elektrik	İ.T.Ü.	1982
Profesör	Elektrik	İ.T.Ü.	1988

6. **Yönetilen Yüksek Lisans ve Doktora Tezleri**

6.1 **Yüksek Lisans Tezleri**

Yaklaşık 50 adet

6.2 **Doktora Tezleri**

DOKTORA TEZ YONETİMİ :

1. Selahattin Dinler, İTÜ Fen Bilimleri Enstitüsü, 1988
2. Peter Brown, İTÜ Fen Bilimleri Enstitüsü, 1989
3. Orhan Diril, İTÜ Fen Bilimleri Enstitüsü, 1996
4. Azmi Demirel, İTÜ Fen Bilimleri Enstitüsü, 1998
5. Özgür Üstün, İTÜ Fen Bilimleri Enstitüsü, 1999
6. Murat Yılmaz, İTÜ Fen Bilimleri Enstitüsü, 2006
7. Ahu Ece Hartavi, İTÜ Fen Bilimleri Enstitüsü, 2006
8. Tevfik Cem Kaypmaz, İTÜ Fen Bilimleri Enstitüsü, 2009

7)Yayınlar

7.1 Uluslararası hakemli dergilerde yayımlanan makaleler

- YILMAZ M., **TUNCAY R. N.**, USTUN O., KREIN T. K. ,“ Sensorless Control of Brushless DC Motor Based on Wavelet Theory”, Electric Power Components and Systems, Vol. 37, No 10, 2009.
- USTUN O, **TUNCAY R.N.**, “ Design Analysis and Control of a Novel Linear Actuator, IEEE Transactions on Industry Applications, IA Vol. 42, No 4 July August 2006.
- PENMAN, J., CHALMERS, B.J., KAMAR, A., and **TUNCAY, R.N.**, “The Performance of Solid-Steel Secondary Linear Induction Machines”, IEEE Transactions on PAS, Vol.100, No.6, 1981.
- **TUNCAY, R.N.**, “Experimental Study of Solid-Steel Secondary Linear Induction Motors, I- Low Speed Performance”, Bulletin of the Technical University of İstanbul, Vol.34, No.1, 1981.
- **TUNCAY, R.N.**, “Experimental Study of Solid-Steel Secondary Linear Induction Motors II- High Speed Performance”, Bulletin of the Technical University of İstanbul, Vol.34, No.2, 1981

7.2 Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler.

1. CHALMERS, B.J., **TUNCAY, R.N.**, PENMAN, J., and KAMAR, A., “Studies of a Linear Induction Motor with Unlaminated Secondary”, ICEM, Int.Conf. on Electrical Machines, Brussels, Belgium, 1978.
2. PENMAN, J., CHALMERS, B.J., KAMAR, A., and **TUNCAY, R.N.**, “The Performance of Solid-Steel Secondary Linear Induction Machines”, IEEE Power Engineering Winter Meeting, Atlanta, USA, 1981.
3. **TUNCAY, R.N.**, CHALMERS, B.J., “Linear Induction Motors with Solid Steel Secondary”, ICEM, Lausanne, Switzerland, 1984.
4. **TUNCAY, R.N.**, YILDIZLI, A., “The Numerical Analysis of Linear Induction Motors Taking Secondary Saturation and End-Effect into Account”, ICEM, Munchen, Germany, 1986.
5. **TUNCAY, R.N.**, BROWN, P.J., “The Modelling and Simulation of Harmonics in the Power Systems”, AMSE, International Conference on Modelling and Simulation, Naples, Italy, 1986.
6. **TUNCAY, R.N.**, ALAN, İ., BROWN, P.J., “The Simulation, Analysis and Filtering of Cycloconverters”, EPE, Second European Conference on Power Electronics and Applications, Proc.1, Grenoble, France, 1987.
7. **TUNCAY, R.N.**, BROWN, P.J., “The Modelling and Simulation of the Nonlinear Loads and Harmonics in Electrical Power Network”, European Simulation Multi-Conference, Proc.1, Nice, France, 1988.
8. BROWN, P.J., **TUNCAY, R.N.**, “The Analysis and Measurement of AC Harmonics of the Rectifiers of Light-Railway System in İstanbul”, International Aegean Conference on Electrical Machines and Power Electronics, Kuşadası, Türkiye, 1992.

9. **TUNCAY, R.N.**, KAYPMAZ, A., YILMAZ, Ç.M., BROWN, P.J., “The Theoretical and Experimental Study of AC Harmonics of Twelve-Pulse Railway Rectifiers”, EPE’93, IEE Conference Publication, No.377, September, 1993.
10. DİRİL, O., TEZDUYAR, L., **TUNCAY, R.N.**, TACER, E., “The Design of the Switch Reluctance Drive System for Wide Speed and Torque Applications”, Aegean Conference on Electrical Machines and Power Electronics, Kuşadaşı, 1995.
11. TEZDUYAR, L., DİRİL, O., TACER, E., **TUNCAY, R.N.**, “The Design of Brushless DC Drive System for Wide Speed and Torque Applications”, Aegean Conference on Electrical Machines and Power Electronics, Kuşadaşı, 1995.
12. TEZDUYAR, L., **TUNCAY, R.N.**, TACER, E., “The Development of a Brushless DC Drive System with and without Sensors for Washing Machines”, European Conference on Power Electronics, EPE’95, Spain, September, 1995.
13. DEMİREL, A., **TUNCAY, R.N.**, “A Direct Drive System with Fuzzy Anti-Skid Controller for Electric Vehicles”, ICEM’98, International Conference on Electrical Machines, İstanbul, 1998.
14. KENTLİ, F., **TUNCAY, R.N.**, “Developments on Electrical Train Technologies”, 2.nd International Transportation Symposium, 1-4 October, 1998.
15. DEMİREL, A., **TUNCAY, R.N.**, “The Development of a Skid-Prevented Direct Drive System for Electric Vehicles”, International Electrical Machines and Drive Conferences IEEE IEMDC’99”, May 9-12, Seattle, Washington 1999.
16. ÜSTÜN, Ö., **TUNCAY, R.N.**, “Determination of Optimum Design Criteria of Coreless-Linear Brushless D.C. Machines”, ISEF’99, Pavia-Italy, 1999.
17. **TUNCAY, R.N.**, YILMAZ, M., ÖNCÜLOĞLU, C., KANCA, G. “Theoretical and Experimental Study of Universal Motor for Vacuum Cleaners”, International Conference on Electrical and Electronics Engineering, ELECO’99, Bursa, Turkey on 1-5 December, 1999.
18. ÜSTÜN, Ö., **TUNCAY, R.N.**, “Design of A Permanent Magnet Linear Brushless D.C. Motor with Printed Circuit Armature”, International Conference on Electrical and Electronics Engineering, ELECO’99, Bursa, Turkey on 1-5 December, 1999.
19. ZENGİNCE, H., ÜÇER, S., **TUNCAY, R.N.**, “The Analysis and Design of Capacitor Voltage-Clamped Half-Bridge Series-Loaded Series Resonant Converter”, International Conference on Electrical and Electronics Engineering, ELECO’99, Bursa, Turkey on 1-5 December, 1999.
20. ÜSTÜN, Ö., YILMAZ, M., **TUNCAY, R.N.**, "Simulation of Power Electronic Circuits Using VisSim Software", COMPEL’2000 IEEE International Conference on Computer Simulation of Power Electronics, Virginia Tech., USA, June 2000.
21. ÜSTÜN, Ö., **TUNCAY, R. N.**, "Design of A Permanent Magnet Coreless Linear Machine with Printed Circuit Armature", ICEM 2000, Espoo, August 2000, FINLAND.
22. DİRİL, O., **TUNCAY, R.N.**, “Torque Ripple Minimisation of Switched Reluctance Motors by Torque Waveform Control”, ICEM 2000, Espoo, August 2000, FINLAND.
23. ÜSTÜN, Ö., YILMAZ, M., **TUNCAY, R. N.**, “Simulation of Power Electronic Circuits Using VisSimTM Software : A Study on Toolbox Development”, COMPEL’2000, Proceedings pp 183-187, Virginia Tech., Blacksburg, Virginia, July 16-18 2000, USA.
24. YILMAZ, M., **TUNCAY R. N.**, ÖNCÜLOĞLU C., KANCA G., “ The Design Methodology to Develop New-Generation Universal-Motors for Vacuum Cleaners”, IEEE Conf. IEMDC 2001, MIT, Cambridge- Mass., June 2001, USA.
25. USTUN O., **TUNCAY R. N.**, “Design, Analysis and Control of a Novel Linear Actuator ”, IEEE Conf. IEMDC 2001, MIT, Cambridge-Mass., June 2001, USA.
26. HARTAVI A. E., USTUN O., **TUNCAY R.N.**, IEEE Conf. IEMDC 2001, MIT, Cambridge-Mass., June 2001, USA.

27. YILMAZ M., **TUNCAY R. N.**, ONCULOĞLU C., KANCA G., “ A User Friendly design Package for Universal Motors”, International AEGEAN Conference on Electrical Machines & Power Electronics, pp 24-29, June 2001,Kusadasi, TURKEY.
28. HARTAVI A.E., USTUN, O., **TUNCAY R. N.**, “ Dynamic Simulation of Attractive Type Suspension Systems ”, International AEGEAN Conference on Electrical Machines & Power Electronics, pp 61-66, June 2001,Kusadasi, TURKEY.
29. HARTAVI A.E., USTUN, O., **TUNCAY R. N.**, “ Modeling and Control Aspects of Active Magnetic Bearing ” 9th European Conference on Power Electronics and Applications, EPE 2001, August 2001, Graz, AUSTRIA.
30. USTUN, O., **TUNCAY, R. N.**, YILMAZ; M. “ Development of Power Electronic Simulation Software”, International Conference on Electrical and Electronics Engineering, ELECO’01,pp 133-137, November , 2001 Bursa, Turkey.
31. YAKUPOĞLU S.B., **TUNCAY, R. N.**, YILMAZ; M.,” A Study on the Conventional and Fuzzy Control of Steel Cutting Process, International Conference on Electrical and Electronics Engineering, ELECO’01, pp 133-137, November , 2001 Bursa, Turkey.
32. USTUN O. , **TUNCAY R.N.**, DOGUERI K., HARTAVI A. E., “ An Integrated Approach to Linear Actuator Design”, Conf.Proceeding of Mechatronics 2002, 9-11 December 2002, Berkeley, California, USA.
33. O.TUR, H.UCAROL, L.TURHAN, N.UNLU, A.YAZAR, F.AKGUN, M.TIRIS, **R.N.TUNCAY**, “Study on Hybrid Electric Vehicle Supply System”, NATO RTO Applied Vehicle Technology Panel Symposium on “Vehicle Propulsion Integration”, Warsaw, Poland, November 2003, RTO-MP-AVT-100, pp. 24.1-24.12
34. YILMAZ M., **TUNCAY R.N.**, USTUN O., “Sensorless Drive of Brushless DC Motor Based upon Wavelet Analysis”, Proceedings of ELECO’03, International Conference on E.E.Eng. & Computers, December 2003, Bursa,Turkey.
35. **TUNCAY R.N.**, ERENAY Z., YILMAZ M., USTUN O., “Sensorless Drive of Brushless DC Motor Based upon Wavelet Analysis”, Proceedings of ELECO’03, International Conference on E.E.Eng. & Computers, December 2003, Bursa,Turkey.
36. YILMAZ M., **TUNCAY R.N.**, USTUN O., “A Wavelet study of Sensorless Control of Brushless DC Motor through Rapid Prototyping Approach”, ICM’04, IEEE International Conference on Mechatronics 2004, June 3 – 5, 2004, Istanbul, Turkey.
37. HARTAVI , **TUNCAY R.N.** Active Suspension and Fuzzy Logic Optimisation, Conf. Paper
38. UCAROL H., KAYPMAZ A., **TUNCAY R. N.**, TUR O., “ A Performance Comparison Study Among Conventional, Series Hybrid and Parallel Hybrid Vehicles, ELECO’ 05, International Conference on E.E.Eng. & Computers, December 2005, Bursa Turkey.
39. CELIKEL T. A., **TUNCAY R. N.** , Innovativeness of Automobile Industry in Turkey: An Application of Porter’s National Competitiveness Model”, 16. Annual International Society for Professional Innovation Management Konferansı, 19-22 Haziran 2005, Porto ISBN: 952 214 059 7
40. GOKCE C.,USTUN O., YILMAZ M., **TUNCAY R.N.**, “Modeling and Simulation of a Serial - Parallel Hybrid Electrical Vehicle”, ELECO’05, 4th International Conference on Electrical and Electronics Engineering, Bursa, Turkey, December, 2005.
41. **TUNCAY,R.N.**, USTUN, O., YILMAZ, M., GOKCE, C., "Energy Flow Modeling Method for Simulation of a Series-Parallel Hybrid Electrical Vehicle", AUTOCOM Workshop on Hybrid Vehicle Modelling and Control, IEEE Intelligent Vehicle Symposium 2007, Istanbul, Turkey, June 2007.
42. TUR O.,USTUN O., **TUNCAY R.N.** AUTOCOM Workshop on Hybrid Vehicle Modelling and Control, IEEE Intelligent Vehicle Symposium ,Istanbul, Turkey, June 2007.

43. **TUNCAY R. N.**, “The Role of Power Electronics on Energy Storage”, German-Turkish Workshop on Sustainable Energy, TUBITAK MRC, Gebze, Kocaeli, Turkey 12.-14 November 2008.
44. **USTUN O.**, **YILMAZ M.**, **GOKCE C.**, **KARAKAYA U.**, **TUNCAY R. N.**, “Design Optimization of a Solar Race Car with Energy Management Approach, ICAT’08 International Conference on Automotive Technologies, İstanbul, Turkey, 13-14 November 2008.
45. **KAYPMAS C.**, **UZUN D.**, **TUNCAY R.N.**, “Analysis of Overcharge & Overdischarge Characteristics and Failure Detection of Li – ion Polymer Batteries” ICAT’08 International Conference on Automotive Technologies, İstanbul, Turkey, 13-14 November 2008.
46. **USTUN O.**, **YILMAZ M.**, **GOKCE C.**, **KARAKAYA U.**, **TUNCAY R. N.**, “Energy Management Method for Solar Race Car Design and Application” IEEE IEMDC International Electrical Machines and Drive Conference, May 3-6 Miami, Florida, USA, 2009.
47. **BAHAR, D., M.**, **ÇİMEN M. A.**, **TUNCAY R.N.**, “Development of Control Strategy Based on Fuzzy Logic Control for a Parallel Hybrid Vehicle”, ELECO’09, 5th International Conference on Electrical and Electronics Engineering, Bursa, Turkey, November, 2009.
48. **USTUN O.**, **YILMAZ M.**, **MAMADOV H.**, **TUNCAY R. N.**, **ALİ ZADA P.** “Car and Renewable Energy Storage Accumulators Active Life Extension for Their Hazardous Waste Eco-Impact Minimization”, VPCC 2010, IEEE International Vehicle Power & Propulsion Conference, Lille, France, 3 September, 2010.

7.3 Yazılan uluslar arası kitaplar veya kitaplarda bölümler

- **(Tercüme Kitap) TUNCAY R.N.** , **GOKASAN M.**, **BOGOSYAN S.**, Turkish Translation of “Power Electronics” **MOHAN N.**, **UNDELAND T.M.**, **ROBBINS W.P.**, John Wiley, Literatür Yayınevi, 2003.
- **TUR O.**, **USTUN O.**, **TUNCAY R.N.** , “ Application Note on Regenerative Braking of Electric Vehicles as Antilock Braking System, ANSOFT Corp. Publication 2006.

7.4 Ulusal hakemli dergilerde yayımlanan makaleler

- **DOĞUERİ, A.K.**, **LALE, C.**, **ÜÇER, E.**, **TUNCAY, R.N.**, “A Robot Application Emacs Hr-I”, Otomasyon Dergisi, No.42, December, 1995.
- **YAKUPOĞLU S. B.**, **TUNCAY, R. N.**, **YILMAZ; M.** “ A Study on the Conventional and Fuzzy Control of Steel Cutting Process, Otomasyon Dergisi, March 2002. (Turkish)
- **TUNCAY, R.N.**, **USTUN,O.**, et. all., "Güneş Enerjili Yarış Aracının Elektrik Tasarım Ölçütlerinin, Yol Performans Simülasyonunun ve Enerji Yönetim Sisteminin Geliştirilmesi", ELEKTRİK DERGİSİ, No. 2007.

7.5 Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- 1 **TUNCAY, R.N.**, “Linear Induction Motors with Unlaminated Steel Secondaries”, Seventh Science Conference, TÜBİTAK, İzmir, Türkiye, 1980. (in Turkish)
- 2 **TUNCAY, R.N.**, “Linear Electrical Machines and Steel-Secondary Linear Induction Motors”, Conference Record, No.15, İTÜ, İstanbul, Türkiye, 1980 (in Turkish).
- 3 **TUNCAY, R.N.**, “Speed Control of Steel-Secondary Induction Motors”, Symposium on Turkish Electrical and Electronic Industry, İTÜ, İstanbul, Türkiye, 1983 (in Turkish).
- 4 **TUNCAY, R.N.**, “Application of Linear Induction Motors in an Anti-tank Target System”, Symposium on Turkish Electrical and Electronic Industry, İTÜ, İstanbul, Türkiye, 1983 (in Turkish).
- 5 **TUNCAY, R.N.**, “Harmonics in Electrical Installations and Power Systems”, The Fifth-Anniversary Electrical-Engineering Symposium, Faculty of Electrical and Electronic Engineering, İTÜ, İstanbul, Türkiye, 1984 (in Turkish).
- 6 **TUNCAY, R.N.**, “Testing of Power Capacitors with Resonance Circuits”, The Fifth-Anniversary Electrical-Engineering Symposium, Faculty of Electrical and Electronic Engineering, İTÜ, İstanbul, Türkiye, 1984 (in Turkish).
- 7 **TUNCAY, R.N.**, YILDIZLI, A., “Finite Difference Analysis of a Single-Sided Steel-Secondary Linear Induction Motor”, National Conference on Electrical Engineering, Adana, Türkiye, 1985 (in Turkish).
- 8 **TUNCAY, R.N.**, GÖKSEVEN, E., “The Single-Phase Operation of a Three-Phase Steel-Secondary Linear Induction Motor”, National Conference on Electrical Engineering, Adana, Türkiye, 1985 (in Turkish).
- 9 **TUNCAY, R.N.**, CEYLAN, K., and İLERİ, N., “The Study of Various rotor Design Types of Solid Rotor Machines”, Second National Electrical Engineering Conference, Ankara, Türkiye, 1987 (in Turkish).
- 10 **TUNCAY, R.N.**, “The Reactive Power Compensation for Power-Electronic Installations”, SEGEM Technical Meeting on Compensation, İstanbul, Türkiye, 1987 (in Turkish).
- 11 **TUNCAY, R.N.**, BROWN, P.J., “The Power System Harmonics”, Electromechanics Conference, İstanbul, Türkiye, 1989 (in Turkish).
- 12 BROWN, P.J., **TUNCAY, R.N.**, “Computer Aided Analysis and Measurement of Power System Harmonics”, Third National Electrical Engineering Conference, İstanbul, Türkiye, 1989 (in Turkish).
- 13 DEMİREL, A., **TUNCAY, R.N.**, “Design of a Solar-Cell Supplied Refrigerator”, Fourth National Electrical Engineering Conference, İzmir, Türkiye, 1991 (in Turkish).
- 14 **TUNCAY, R.N.**, “Superconductivity and Electrical Engineering Applications”, Invited Paper, Fourth National Electrical Engineering Conference, İzmir, Türkiye, 1991 (in Turkish).
- 15 GÜNGÖR, S., DİRİL, O., **TUNCAY, R.N.**, “The Computation of the Air-Gap Field and the Torque of the Permanent Magnet Machines”, Fourth National Electrical Engineering Conference, İzmir, Türkiye, 1991 (in Turkish).
- 16 ÖZBULUR, V., BROWN, J.P., **TUNCAY, R.N.**, “The Analysis and Measurement of the Arc-Furnace Harmonics”, Fourth National Electrical Engineering Conference, İzmir, Türkiye, 1991 (in Turkish).
- 17 TEZDUYAR, L., SÖNMEZÖZ, F., ÇIRPANLI, G., DİRİL, O., ÇİPRUT, İ., TACER, E., **TUNCAY, R.N.**, “The Development of a Brushless DC Drive Systems”, 6th National Electrical Engineering Conference, Bursa, September, 1995 (in Turkish).
- 18 DİRİL, O., TEZDUYAR, ÇİPRUT, İ., ÇIRPANLI, G., SÖNMEZÖZ, F., **TUNCAY, R.N.**, TACER, E., “The Development of a Switched Reluctance Drive System”, 6th National Electrical Engineering Conference, Bursa, September, 1995 (in Turkish). ÜSTÜN, Ö., **TUNCAY, R.N.**, “The Design of a Steel-Secondary Linear Tubular Motor”, 6th National Electrical Engineering Conference, Bursa, September, 1995 (in Turkish).

- 19 DOĞUERİ, A.K., LALE, C., ÜÇER, E., **TUNCAY, R.N.**, “A Robot Application Emacs Hr-P”, TOK’96, National Automatic Control Conference, 1996. (In Turkish)
- 20 DEMİREL, A., UÇAR, M., **TUNCAY, R.N.**, “Efficiency improvement in power electronics by using different semiconductors”, IV. Electromechanical Symposium ELMEKSEM’97, Bursa 17-21 December 1997. (In Turkish)
- 21 ÜSTÜN, Ö., KÖMÜRĞÖZ, G., **TUNCAY, R.N.**, “Coreless Linear Brushless Permanent Magnet Motor Design”, IV. Electromechanical Symposium, ELMEKSEM’97, Bursa 17-21 December 1997. (In Turkish)
- 22 **TUNCAY, R.N.**, YILMAZ, M., ÖNCÜLOĞLU, C., KANCA, G., “Development of Design Process for High Speed Universal Motors 8th National Electrical Engineering Conference, Gaziantep, 6-12 , September, 1999 (in Turkish).
- 23 YILMAZ M., **TUNCAY R.N.**, USTUN O., ‘Fırçasız Doğru Akım Makinasının (BLDC) MATLAB/Simulink Ortamında Modellenmesi ve Algılayıcısız Kontrolü’, Conference for Computer-Aided Engineering and System Modeling with Exhibition, 9-10 Aralık 2004, İstanbul, Turkey.
- 24 **TUNCAY, R.N.**, USTUN, O., et. all., "Güneş Enerjili Yarış Aracının Elektrik Tasarım Ölçütlerinin, Yol Performans Simülasyonunun ve Enerji Yönetim Sisteminin Geliştirilmesi", ELECO 2006 Elektrik Elektronik Bilgisayar Mühendisliği Sempozyumu, Aralık 2006, Bursa.
- 25 GOKCE C., KARAKAYA U., YILMAZ M., SENGUR A., CİFTÇIOĞLU M., USTUN O., **TUNCAY R. N.**, “Ağır Şehir İçi Trafik Koşulları İçin Motor Miline Entegre Dur&Çalıştır Özellikli Hafif Hibrit Elektrikli Aracın Elektrikli Güç Aktarma Sisteminin Geliştirilmesi, OTEKON 2010.

7.6 Yazılan ulusal kitaplar veya kitaplarda bölümler

- CHALMERS, B.J., **TUNCAY, R.N.**, “Advances in Alternating Current Machines”, Seminar Record, No.14, İTÜ, İstanbul, Türkiye, 1979 (in Turkish).
- **TUNCAY, R.N.**, TACER, M.E., and KUTMAN, T., “Power Electronics Seminar Notes”, İTÜ, İstanbul, Türkiye, 1986 (in Turkish).
- **TUNCAY, R.N.**, TACER, M.E., “Power Electronics”, İTÜ Foundation-Publications, No.29, 1990 (in Turkish).
- **TUNCAY, R.N.**, “The General Trends in Electrical Machine Control”, EMPA, Seminar Notes, İstanbul, 1994 (in Turkish).

7.4 Diğer yayımlar

1. TEZDUYAR, L., **TUNCAY, R.N.**, TACER, E., “Brushless DC Motors”, ABN-011 Research Note, ARÇELİK Research Department, 1991 (in Turkish).
2. TEZDUYAR, L., **TUNCAY, R.N.**, TACER, E., “Switched Reluctance motors”, ABN-013 Research Note, ARÇELİK Research Department, 1991 (in Turkish).
3. TEZDUYAR, L., **TUNCAY, R.N.**, TACER, E., “Permanent-Magnet Synchronous Motor Drive-Systems”, ABN-014 Research Note, ARÇELİK Research Department, 1992 (in Turkish).

4. TEZDUYAR, L., TACER, E., **TUNCAY, R.N.**, “Induction Motor Scalar Control Drive Systems”, ABN-017 Research Note, ARÇELİK Research Department, 1992 (in Turkish).
5. TEZDUYAR, L., TACER, E., **TUNCAY, R.N.**, “Vector Control of Induction Machines”, ABN-018 Research Note, ARÇELİK Research Department, 1992 (in Turkish).
6. TEZDUYAR, L., **TUNCAY, R.N.**, TACER, E., “The Evaluation of Drive Systems for Washing Machines”, ABN-013 Research Note, ARÇELİK Research Department, 1992 (in Turkish).
7. BELEK, T., **TUNCAY, R.N.**, KANCA, G., YILMAZ, M., ÖNCÜLOĞLU, C., “Technology Development for a High Speed and High Quality Vacuum Cleaner Motor”, TTGV-041/D, Turkish Technology Development Foundation Project, Final and Application Report, February 1999. (In Turkish)
8. **TUNCAY, R.N.**, ZENGİNCE, H., ÜÇER Ü., “Resonant Converter Technologies”, TTGV 237 Turkish Technology Development Foundation Project, Final and Application Report, June 1999. (in Turkish)
9. YAZAR A., at all and **TUNCAY R.N.**, ” Land System Integration”, Technical Report, WEAG-CEPA RTP 16.02, TUBITAK Marmara Research Center, September 2001.
10. OZSU E., at all and **TUNCAY R.N.**, ” Sea System Integration”, Progress Report 4, WEAG-CEPA JP.EE.01 RTP, TUBITAK Marmara Research Center, September 2001.
11. YEYMAN K. at all and **TUNCAY R.N.**, “ Semiconductor Switches for Networks” Euclid Contract 99/RFP 16.04, Progress Report 4, WEAG-CEPA Project, TUBITAK Marmara Research Center, October 2001.
12. YEYMAN K. at all and **TUNCAY R.N.**, “ Semiconductor Switches for Networks” Euclid Contract 99/RFP 16.04, Progress Report 5, WEAG-CEPA Project, TUBITAK Marmara Research Center, March 2002.
13. OZSU E., at all and **TUNCAY R.N.**, “ Sea System Integration”, Progress Report 5, WEAG-CEPA JP.EE.01 RTP, TUBITAK Marmara Research Center, March 2002.
14. **TUNCAY R. N.**, YAZAR A., at all “ ELIT-1 Progress in Doblo Electrical Vehicle Project” , Project Report, TUBITAK, Marmara Research Center, August, 2002. (in Turkish)
15. YAZAR A., **TUNCAY R. N.**, at all. “ ELIT-1 Final Report on Doblo Electrical Vehicle Project” Project Report, TUBITAK, Marmara Research Center, December , 2002. (in Turkish)
16. **TUNCAY R.N.**, ALTIN V., CIMEN F., at all, TUBITAK VIZYON 2023, Energy and Natural Resources Final Report, July 2003 (in Turkish)
http://vizyon2023.tubitak.gov.tr/teknolojiongorusu/paneller/enerjivedogalkaynaklar/raporlar/enerji_surum1.pdf,
17. **TUNCAY R.N.**, USTUN O., YILMAZ M., GOKCE C., BERBEROĞLU O., “ ELIT-2 Paralel Karma Elektrikli Aracın Enerji Yönetim Sisteminin Modellenmesi ve Simulasyonu”, Proje Raporu, MEKATRO & TÜBİTAK/MAM Enerji Enstitüsü, Gebze, Kasım 2004

8.Projeler

- “ O³ : Okan Otonom Otomobili”, Okan Üniversitesi Mühendislik Mimarlık Fakültesi, 2009-Devam
- Elektrikli ve Karma Elektrikli Araçlar İçin Tekerlek İçi Doğrudan Sürürlü Bir Akıllı Elektrikli Tahrik Sisteminin ve Yol Tutuş Sisteminin Geliştirilmesi, MEKATRO TÜBİTAK / TEYDEB Projesi, 2006-2008.
- Doğrusal Aktuatör ve DSP Kontrol Sisteminin Geliştirilmesi ve Uygulanması, MEKATRO-TÜBİTAK / TIDEB Projesi, 2004-2006
- Paralel Karma Elektrikli Araç, ELIT 2, MEKATRO, TUBITAK-MAM ve TOFAŞ, 2004 .
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- Güneş Enerjisiyle Beslenen Soğutucu Tasarımı, İTÜ Araştırma Fonu, 1996-1997
- Fırçasız Doğru Akım Motorlu Tahrik Sistemi Geliştirilmesi, ARÇELİK-TTGV, 1992-1995.
- Anahtarlamalı Relüktans Motorlu Tahrik Sistemi Geliştirilmesi, ARÇELİK-TTGV,1992- 1995.
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- Lineer Motor Tanksavar Hedef Projesi, Tuzla Piyade Okulu, 1983

9. İdari Görevler

<i>Görev Dönemi</i>	<i>Yönetim Görevi</i>	<i>Kuruluş</i>
1982-1995	Yönetim Kurulu Üyesi	İTÜ Elektrik Elektronik Fakültesi
1985-1990	Dekan Yardımcısı,	İTÜ Elektrik Elektronik Fakültesi
1992-1995	Bölüm Başkanı,	İTÜ Elektrik Mühendisliği Bölümü
1995-1996	Müdür	İTÜ Fen Bilimleri Enstitüsü
2004 - Devam	Yön.Kurulu Başkan Vekili	MEKATRO Ar. Ge. ve Tic. A. Ş.
2008 - Devam	Dekan	Okan Üniversitesi, Müh. Mim. Fak.

10. Bilimsel Kuruluşlara Üyelikler

<i>Üyelik Dönemi</i>	<i>Üyelik Türü</i>	<i>Kuruluş</i>
1972-Devam	Üye	Türk Elektrik Mühendisleri Odası
1990-Devam	Üye (Member)	IEEE (Uluslararası Elek.Müh. Enstitüsü)
2000-Devam	Şeref Üyesi	TESİD, Türk Elektronik sanayicileri Derneği
2004-Devam	Üye (Member) ve Kurucu Üye	IAEE (Uluslararası) ve Türk Enerji Ekonomisi Derneği
2006- Devam	Üye (Member)	ISPIM, The International Society for Professional Innovation Management

11.Ödüller

<i>Ödülün Adı</i>	<i>Ödülü Veren Kuruluş</i>	<i>Yıl</i>
NATO Yurt Dışı Doktora Bursu	TÜBİTAK	1973
Başarılı Proje Ödülü (WEAG-CEPA Project)	TÜBİTAK /MAM	2002
Başarılı Proje Ödülü (ELIT-1 Elektrikli Taşıt Projesi)	TÜBİTAK /MAM	2003

